

The Synthesis of Coniferin Labelled With C^{14} , by
K. Kratzl, G. Billek, 11 pp.

Full translation.

GERMAN, per, Monatshatte fur Chemie, Vol XCIV, 1953,
p 406.

S.L.A.

Scientific - Chemistry

Jul 55

26,931

Separation of Gases by Sorption Processes. (Part) II,
by E. Mleth.

GERMAN, per; Monatsh Chem, Vol LXXXIV, 1953 pp 741-750.

ABC AWRE-T-U-56

301 - Chem

Apr 60

115,093

**The Preparation of Chemically Pure Vanadium From
the Gas Phase, by G. Jantsch, F. Zemek**

**GERMAN, per, Monat Chem, Vol LXXXIV, 1953,
pp 1119-1126.**

AEC Tr Refr 2411

**Scientific - Chemistry; Min/Metals
Apr 56 CTS/dax**

33,959

Swelling Equilibria of Cross-Linked Polyvinylalcohol
solutions, by J. W. Breitenbach, A. Schmidt, 16 pp.

GERMAN, Monatsh. für chem. Vol LXXIV,
1954, pp 52-68.

SLA Tr 1630 *Jan 1957*

Sci - Chem
Apr 1957

46,202

The Paperchromatographic Separation of the Monomeric
Ethanolysis Products of Lignin, by K. Kretzl, W.
Schweers, 11 pp.

GERMAN, per, Monat. fur Chemie, Vol ~~XXXV~~^{LXXXV}, No 5, 1954,
p 67.

Scientific - Chemistry

B.L.A. 1024

33,505

ITALIAN

The Paperchromatographic Separation of Monomeric
Ethanolysis Products of Lignin (II), by K. Kratal,
W. Schweers, 5 pp.

GERMAN, per, Monat. für Chemie, Vol ~~XXXV~~^{XXXV}, No 5, 1954.

33,506

S.L.A. 1025

Scientific - Chemistry

Investigation of Silicide Systems, by
E. Nowotny, R. Machenschalk, R. Kieffer,
P. Benasovsky, 5 pp.

GERMAN, per, Monatsh Chem. Vol LXXXV, 1954,
pp 241-244.

SIA Tr 2103

Sci - Chemistry
Sep 57

53,013

New Silicides of the M_2Si_3 Type With D_{8h} Structure,
by H. Schachner, E. Cerveňá, H. Nowotny, 9 pp.

GERMAN, per, Monatsh Chem, Vol . LXXXV,
1954, pp 245-254.

SLA Tr 2106 52,913

Sci - Chemistry
Sep 57

Nowotny, H., Parthe, E. and others.
THE THREE COMPONENT SYSTEM Mo-Si-C (Das
Dreistoff-system: Molybdän-Silizium-Kohlenstoff).
[1962] [20]p. (refs. omitted) 9 refs.
Order from S.L.A. \$1.60 62-18663

Trans. of Monatshefte für Chemie (Austria) 1954,
v. 85, p. 255-272.

DESCRIPTORS. *Molybdenum alloys. *Silicon alloys,
*Carbon alloys, Molybdenum compounds, Silicates,
Silicon compounds, Carbides, *Carborundum. *Phase
studies, Crystal structure, Calorimetry, Melting,
X-ray diffraction analysis, Microchemistry.

The topics discussed include the results of a new in-
vestigation of the limiting system Mo-C; the determina-
tion of the structure of MoC; a thermal investigation of
Si-C; the establishment of the ternary system Si-C by
(Chemistry--Physical, TT, v. 9, no. 12) (over)

62-18663

1. Nowotny, H.
2. Parthe, E.

Office of Technical Services

Further Inter-Relationships in the Periodic
System, by H. Schwarz-Bergkampff.

GERMAN, per, Monatshefte Chem, Vol LXXXV, 1954,
pp 575-579.

INSDOC T1463

Sci
Aug 58
SLA

68,896

The Detection of the Insecticide Parathion, by
J. Derkosch, H. Jansch, R. Leutner, F. X. Mayer,
12 pp.

GERMAN, per, Monatsh Chem, Vol LXXXIV, 1954, pp
684-692,

SLA Tr 1963

Sci - Chem

49,897

Jul 1957

Cytochrome C. I. On the Amino-Acid Radical Adjacent to the Prosthetic Group, by H. Tuppy, G. Bodo, 27 pp.

GERMAN, per, Monatsch Chemie, Vol LXXXIV, 1954, pp 807-821.

NIK 3-9

Sci - Chem

Apr 59

83, 455

Kuffner, F[riedrich] and Kaiser, E.
ON NICOTELLIN AND THE SYNTHESIS OF A NEW
TERPYRIDYL. [1962] 16p.
Order from K-H \$20.00 K-H 3977

Trans. of Monatshefte für Chemie (Austria) 1954,
v. 85, no. 4, p. 896-905.

DESCRIPTORS: *Alkaloids, *Tobacco, Synthesis,
*Pyridines.

(Chemistry Analytical. TT, v. 9, no. 1)

62-22538

1. Title: Nicorelline
2. Title: Terpyridyl
- I. Kuffner, F.
- II. Kaiser, E.
- III. K-H-3977
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

A New Thermal Equation of State of Materials
for their Gas and Liquid Conditions, by
Joseph Himpan, 18pp
AUSTRIAN, per, Monatshefte fur Chem, Vol 85,
1954, No 4, pp 936-948
SLA TT-64-20820

Sci - Chem
June 67

329,385

Determination of the Constitution of Peptides. 7.
Simultaneous Determination of Amino Acids with Amino-
and Carboxyl Terminal Groups by Means of Hydrazine,
by K. Schlogl.

GERMAN, per, Monatsch fur Chem, Vol LXXXV, No 4,
1954, pp 977-971.

CSIRO-6993

Sci

Aug 59

95,110

The Catalytic Chlorination of Organic
Compounds by Means of the Entrainment Method
by Herbert Brintzinger, ■ Helmuth Orth.
GERMAN, per, Monatshefte fur Chemie,
Vol LXXXV, No 5, 1954, pp 1015-1023.
SLA TT 64-30141

May 67 325,049

Cytochrome C. II. A Ferriporphyrin-C Peptide
Obtained by Trypsin Decomposition of Cytochrome
C., by H. Tuppy, G. Bodo, 33 pp.

GERMAN, par, ~~Morgan Chem~~, Vol LXXXV, 1954,
pp 1024-1045.

MM 3-10

Sci - Chem

Apr 59

83, 456

On the Zonal Electrophoresis of Proteins at
Increased Potential Gradients, by H. Michl,
10 pp.

GERMAN, par, Monatshefte für Chemie, Vol LXXXIV,
1954, p 1251. 9800967

AEC-tr-5462

Sci - Chem
Jan 63

220, 848

Most Favorable Conditions in Obtaining
Radioactive Tobacco Mosaic Virus, by
Wustinger, E. Broda, H. Schonfellingner,
7 pp.

GERMAN, per, Monatsch Chem, Vol LXXXVI,
1955, pp 131-136.

AEC Tr 3528

Sci - Med
Mar 59

82,899

Information of Kjeldahl Reaction III, by
G. M. Schwab, S. Carozanos.
GERMAN, per, Monatshefte fuer Chemie, Vol 86,
1955, pp 341-347.
ETC 69-15408-07D

Sci-Chem
Dec 69

398,434

An Absorption Effect in the UV Spectrum of Heat-denatured Serum Proteins, by E. Schauenstein, H. Bayzer, K. Krenegger, 10 pp.

GERMAN, per Monatshfte für Chemie, Vol LXXXVI, 1955, pp 637-642.

MIN 9-5

Scientific - Chemistry
Nov 56 OTB

40,419

Paist, F. and Fromhling, K.
POLYMERIZATION OF PHOSPHONITRILCHLORIDE
II [1961] 10p. (5 figs. 5 tables omitted) 3 refs.
Order from SLA \$1. 10 62-14205

Partial trans. of Monatshefte für Chemie]
(Austria) 1955, v. 86 [no. 5] p. 718-734.

DESCRIPTORS: *Phosphonitrile chlorides. *Poly-
merization, Chain reactions, Pressure, Temperature
Chlorides.

(Chemistry--Organic, TT, v. 7, no. 9)

62-14205

I. Paist, F.
II. Fromhling, K.

Office of Technical Services

Kufner, Friedrich and Raderl, Norbert.
PAPERCHROMATOGRAPHY OF PYRIDINE MONO-
AND DICARBOXYLIC ACIDS AS WELL AS FROM
ALKYLPYRIDINES. [1962] 15p.
Order from K-H \$18.75

K-H 5072-b

Trans. of Monatshefte für Chemie (Austria) 1955,
v. 86, no. 6, p. 995-1003.

DESCRIPTORS: *Pyridines, *Carboxylic acids, Alkyl
radicals. *Paper chromatography.

(Chemistry--Analytical, TT, v. 9, no. 2)

62-22535

- I. Kufner, F.
- II. Raderl, N.
- III. K-H-5072-b
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Observation of Hornification in Cellulose Fiber
Structures With the Aid of Electron Microscope,
by G. Jayne, G. Hunger, 17 pp.

GERMAN, per, Monatsch Chem, Vol LXXXVII, No 1,
1956, pp 8-23.

SLA Tr 57-808

Sci - Chemistry

53,324

Sep 57

Kuffner, Friedrich and Raderl, Norbert.
THE CONSTITUTION OF NICOTELLINE. [1962] 18p.
Order from K-H \$22. 50 K-H 5562-c

Trans. of Monatshefte für Chemie (Austria) 1956, v. 87,
[no. 1] p. 71-91.

DESCRIPTORS. Chemical analysis, *Alkaloids,
*Tobacco.

(Chemistry--Analytical, TT, v. 9, no. 1)

62-22534

- I. Title: Nicotelline
- I. Kuffner, F.
- II. Raderl, N.
- III. K-H-5513-e
- IV. Kresge-Hooker Science
Library Associates
Detroit, Mich.

Office of Technical Services

Reaction of Unsaturated Compounds With
Water, by E. Schauenstein.

GERMAN, per, Monatshefte fuer Chemie,
Vol LXXXVII, 1956, pp 144-163.

CSIRO 3698

Sci - Chem

142,090

Apr 62

Anhydrous Oxynitrates of Titanium and Zirconium,
by V. Gutzmann, H. Tannenberger, 7 pp.

GERMAN, per, Monatsh Chem, Vol LXXXVII, 1956,
pp 421-424. *127424*

ABC MP Tr-850

Sci - Chem
May 62

196,808

Free Reaction of Unsaturated Compounds with
Water. III. Paperchromatographic Investiga-
tions With Purest 9,12-Linoleic Acid, by
E. Schauenstein, J. Biheller.

REVIEW, per, Monatshefte für Chemie,
Vol. LXXVIII, No 1, 1971, pp 132-142.

CSIRO 3997

Sci - Chem
Reg 01

198,472

Nitric Acid Oxidation Kinetics. Part II, by
H. Abel, 4 pp.

GERMAN, per, Monatsch Chem, Vol LXXIX, 1957,
pp 79-82.

ABC Tr 3735

Sci - Chem

Sep 59

96,334

Dependence of the Frequency of Particle Sizes in an
Oil-in-Water Emulsion on the Stirring Velocity,

by G. P. Kuttig, H. Stadler, 10 pp.

GERMAN, post, Monats fuer Chemie, Vol LXXXVIII, 1937,
pp 190-199.

AKC 3512

Sci - Chem

Apr 59

84, 235

The Binary Systems: UC With TIC, ZrC, VC, NbC,
TaC, Cr₃C₂, Mo₂C and WC, by H. Novotny, R. Kieffer,
F. Benešovsky, E. Lambe, 9 p p.

CHERMAN, per, Monatsh Chem, Vol LXXXVIII, 1957, pp
336-343.

ABC AERE Lib 797

Sci - Chem

Dec 58

78,243

Reactions of Cold Liquid Amalgams With Gases III.
Transformations With Nitric Monoxide, by H. Kohn,
V. Gutzmann, O. Sova, 24 pp.

GERMAN, per, Monatshefte fuer Chem, Vol LXXVIII,
1957, pp 502-516.

AEC Tr 3202

Sci - Chem

May 58

64,819

Phase Diagram of the Aluminum Oxide-Water System,
by K. Torker, H. Worel, 10 pp.

CHIMIE, vol. Monath Chem, Vol LXXXVIII, 1957,
pp 730-748.

AM 47 330

501 - Chem

501 50

730, 748

AB

1447-GJ USE OF FERROCENE IN THE IRON REDOX POLYMERIZATION
OF STYRENE, W. Kern et al., Monatsh. Chem. 88, No.
5, 783-7 (1957).
1500 W; 1 T; 1 F; 11 R \$ 7.15 (\$1.25)

Nitric Acid Oxidation Kinetics, by I. E. Abel,
6 pp.

GERMAN, per, Monatsh Chem, Vol LXXXIX, 1958,
pp 74-78.

AEC 3448

Sci - Chem

Dec 58

78,246

On the Existence of Tricalcium Phosphate in
Aqueous Solution, by E. Hayek, H. Nevesely. *1-11*

GERMAN, per, Monats Chem, Vol LXXXIX, No 1, 1958,
pp 88-95.

Sci - Chemistry
Jan 61

MRCO - 77 - 855
MRCO 6 - 325

TC - 213

136,408

The Reaction of Ethyl Linoleate in Water, by
H. Bayzer,

GERMAN, per, Monatshefte für Chemie,
Vol LXXXIX, No 2, pp 258-269. 1958

C.S.I.R.O. 4605

Sci

May 60

115,586

**Pyrooxo-Amino Acids and Related Compounds, by
E. Schleich.
GERMAN, year, Monatshefte für Chemie, Vol. 88,
pp. 601-621, 1956.
RAC 58
970056
FOR OFFICIAL USE ONLY**

Chem
Aug 66

308,667

Nowotny, H., Piegger, E. and others.
THE TERNARY SYSTEM: CHROMIUM-SILICON-
BORON (Das Dreistoffsystem: Chrom-Silizium-Bor).
[1961] [12]p. (foreign text included) 23 refs.
Order from SLA \$1.60 61-20838

Trans. of Monatshefte für Chemie (Austria) 1958,
v. 89, no. 4/5, Sonderabdruck, p. 611-617.

DESCRIPTORS: *Chromium, *Silicon, *Boron, Alloys.
Phase studies, Crystal structure.

The structure of the ternary system chromium-silicon-
boron is determined for a section of 1300°C of hot
pressed samples. In addition to the well known binary
silicide and boroside-phases (their existence is con-
firmed) appears the ternary phase D 8g as the dominat-
ing crystal with the approximate composition Cr_3Si_3B .
 $Cr_3Si_3(T 2)$ absorb considerable amounts of Cr_3Si_3 .
(Author)

61-20838

- I. Nowotny, H.
- II. Piegger, E.

(Metallurgy--Structural, TT,
v. 7, no. 5)
Office of Technical Services

Kratzl, K. and Gruber, K.
ON THE QUANTITATIVE SEPARATION AND
DETERMINATION OF VARIOUS ALKOXY GROUPS
BY MEANS OF GAS-FLUID CHROMATOGRAPHY.
[1963] 6p (figs tables omitted) 19refs
Order from SLA \$1.10

TT-63-20957

Trans. of Monatshefte für Chemie (Austria) 1958,
v. 89, p. 618-624. (Abstract available)

DESCRIPTORS: *Alkoxy radicals, Alkyl radicals,
Iodides, *Gas chromatography, *Wood, Quantitative
analysis, *Chromatographic analysis.

There is described a new gas-chromatography method
for the separation and quantitative determination of
alkyl iodides that can be split from organic compounds
by hydriodic acid. With specimens of about 10 mg. the
limit of error corresponds to that of alkyl determina-
tion by the Zeisel method. (Author)

TT-63-20957

I. Kratzl, K.
II. Gruber, K.

(Chemistry--Analytical,
TT, v. 11, no. 6)

Office of Technical Services

On the Double Carbides in the Systems: U-Cr-C,
U-Mo-C and U-W-C, by H. Nowotny, R. Kieffer,
F. Benesovsky, E. Laube, 9 pp.

GKPMAN, per, Monatsh Chem, Vol LXXXIX, No 6,
1958, pp 692-700.

ABC Tr 3807

Sci - Chem

Oct 59

98,755

A Contribution Concerning the Structure of
High Melting Point Hafnium Phases: HfC-UC
Hf₂Si₃ (C), by H. Hofotny, E. Laube, R. Kieffer,
P. Benesovsky, 6 pp.

GERMAN, per, Monatsh Chem, Vol LXXXIX, No 6,
1958, pp 701-707.

AEC Tr 3806

Sci - Chem

Oct 59

98,754

61-20837

Nowotny, H., Auer-Welsbach, Helga and others.
 A CONTRIBUTION TO THE STRUCTURE OF
 Mn_2Si_3 (D_{8g} -Type) (Ein Beitrag zur Mn_2Si_3 -Struktur
 (D_{8g} -Typ). [1961] / [11]p. (foreign text included)
 15 refs.
 Order from SLA \$1.60

61-20837

Trans. of Monatshefte ftr Chemie (Austria) 1959,
 v. 90, no. 1, Sonderabdruck, p. 15-22.

DESCRIPTORS: *Manganese compounds, *Silicides,
 Single crystals, Crystal structure.

The parameters of the D_{8g} structure were determined
 again by well shaped, single crystals of the Ti_2Si_3
 type. Zr_2Al_3 crystals isomorph thereto--were traced
 in the system Zr-Al. In cutting sections of
 Ti_5Sn_3 - Zr_5Sn_3 an unbroken region of mixture crystals
 of D_{8g} type appears; in those of Zr_5Pb_3 - Ti_5Pb_3 ,
 (Physics--Solid State, TT, v. 7, no. 4) (over)

- I. Nowotny, H.
- II. Auer-Welsbach, H.

Office of Technical Services

On Carbide Systems Containing Hafnium Carbide,
by E. Rudy, H. Nowotny, F. Benesovsky, R.
Kieffer, A. Nechal, 10 pp.

GERMAN, per, Monatshchemie fuer Chemie,
Vol XCI, 1960, pp 176-187.

ARC Tr-4343

Sci - Chem
May 61

150,346

<p>Hayek, E., Newesely, H. and others. THE FORMATION AND MORPHOLOGY OF DIFFI- CULTY SOLUBLE CALCIUM PHOSPHATE (Zur Bildungsweise und Morphologie der Schwerlöslichen Calciumphosphate) tr. by D. A. Sinclair. 1961, 21p. 27 refs. NRCC Technical Trans. 925. Order from NRCC \$1.00 NRCC C-3567</p>	<p>61-1282</p> <ol style="list-style-type: none">1. Calcium phosphates-- Crystal structure2. Calcium phosphates-- Properties <ol style="list-style-type: none">I. Hayek, E.II. Newesely, H.III. NRCC TT-925IV. NRCC C-3567V. National Research Council of Canada
<p>Trans. of Monatshefte für Chemie (Austria) 1960, v. 91, no. 3, p. 349-362.</p>	
<p>151919</p>	
<p>(Chemistry--Inorganic, TT, v. 3, no. 9)</p>	<p>Office of Technical Services</p>

TT-65- 2438

Field 7D

Torkar, K.
INVESTIGATION ON ALUMINUM HYDROXIDES AND
OXIDES, PART I. PREPARATION OF THE PUREST
ALUMINUM HYDROXIDES THROUGH ELECTROLYSIS.
5p. 16refs.
Order from SLA: \$1.10 as TT-65-12438

Trans. of Monatshefte fuer Chemie (Austria)
v91 n3 p400-5 1960.

I. Torkar, K.
II. Title: Preparation ...

A Contribution to the Titanium-Molybdenum-Boron
Ternary System, by A. Wittmann, H. Neebory and
H. Baller.

GERMAN, per, Monatshefte für Chemie, Vol 91,
1960, pp. 608-615.

ONI 2440

Dept of Navy

Sci/Chem
Sep 67

340.511

Konopik, Nelly.
THE POLAROGRAPHIC DETERMINATION OF GER-
MANIUM AS PYROCATECHOLGERMANIC ACID.
[1962] 15p. 17 refs.
Order from SLA \$1.60

62-18539

Trans. of Monatshefte für Chemie (Austria) 1960,
v. 91, p. 717-728.

DESCRIPTORS: *Electrochemistry, *Complex com-
pounds, *Pyrocatechol, *Germanium compounds,
Dioxides, Acids, Electrolytes, Mercury electrodes,
Buffers, Glycines, Arsenic, Silicic acids.

Pyrocatecholgermanic acid gives a typical polaro-
graphic wave in acid solution (pH 4.0) at the dropping
mercury electrode which at pH 1.5 lies at -0.65 V vs.
the sat. calomel electrode. The wave height is pro-
portional to concentration and is therefore suitable both
(Chemistry--Analytical, TT, v. 9, no. 12) (over)

62-18539

I. Konopik, N.

Office of Technical Services

Newesely, H.

PREPARATION OF "OCTACALCIUM PHOSPHATE"
(TETRACALCIUM-HYDROGEN-TRIPHOSPHATE) BY
HOMOGENEOUS CRYSTALLIZATION (Darstellung von
"Oktacalciumphosphat" (Tetracalcium-Hydrogentri-
phosphat) Durch Homogene Kristallisation) tr. by
D. A. Sinclair. 1961, 6p. 3 refs. NRCC Technical
trans. 954. Order from NRCC \$0.50

NRCC C-3653

Trans. of Monatshefte für Chemie (Austria) 1960, v. 91,
no. 6, p. 1020-1023.

DESCRIPTORS: Crystallization, *Calcium compounds,
*Phosphates, Hydrogen, Solutions, Temperature,
Crystals, Crystal structure, Synthesis, Apatite.

(Chemistry--Physical, TT, v. 6, no. 8)

61-25154

- I. Newesely, H.
- II. NRCC TT-954
- III. NRCC C-3653
- IV. National Research
Council of Canada

185209

Office of Technical Services

Konopik, Nelly.
ON o-DIPHENOLGERMANIC ACIDS: POLAROGRAPHIC
AND OPTICAL INVESTIGATIONS. [1962] 18p. 6 refs.
Order from SLA \$1.60 62-18567

Trans. of Monatshefte für Chemie (Austria) 1961, v. 92
[no. 1] p. 8-21.

DESCRIPTORS: *Electrochemistry, *Complex com-
pounds, *Phenols, *Naphthalenes, Hydroxides,
*Pyrogallol, *Germanium compounds, Dioxides, Acids,
Polarographic analysis, Electrolytic titration, Spec-
trographic analysis.

Analogous to pyrocatecholgermanic acid complex ger-
manic acids of pyrogallol and 2, 3 dihydroxynaphthalene-
6-sulfonic acid yield relatively positive reduction waves
at the dropping mercury electrode in acid solution
(pH below 4.0). The dependence of these waves on ionic
(Chemistry--Analytical, TT, v. 10, no. 1) (over)

62-18567

I. Konopik, N.
II. Title: Polarographic ...

Office of Technical Services

Researches in the Systems Tantalum-Aluminum-Silicon
and Tungsten-Aluminum-Silicon, by H. Nowotny,
C. Brukl.

GERMAN, per, Monatshefte fur Chemie, No 92, 1961,
pp 116-127.

*FTD-TT-63-1166

Sci = Chem
Dec 63

The Ternary System: Uranium-Boron-
Carbon, by L. Toth, H. Nowotny.
GERMAN, per, Monatsh Chem., Vol 92,
pp 794-802, 1961 9229754
AEC AI-Tr-81

Sci-Chem
Nov 65

291,703

Investigation in the Niobium-Molybdenum-Carbon
System, by E. Rudy, F. Benesovsky, K. Sedlatschek,
25 pp.

GERMAN, per, Monatsh Chem, Vol XCII, 1961, pp 841-855.

AEC Tr-5000

Sci - Chem
May 62

196,820

Ferrocene- Acetylene, Second Communication:
Preparation and Reaction of Ferrocenyl-Alkines and
Alkynyl-Ketones, by K. Schlogl, A. Mohar, 22 pp.
GERMAN, per, Monatshefte Chem, Vol 93, No 4,
1962,,pp 861-876.
ARM/RSIC-Tr-954-69

Sci/Chem
Jan 70

400,160

Magnetic Studies on the Carbides of Titanium,
Zirconium, Hafnium, Vanadium, Niobium, and
Tantalum, by H. Bittner, H. Goretski, *et al.*

GERMAN, *per*, *Monatshette fuer Chemie*, Vol XCIII,
No 5, 1962, pp 1000-1004. 9207628

AEC-Tr-5651

CTC 6-114-1

Sci - Chem
6 Jun 63

221,880

Germanates With Bivalent Metal Ions, by
G. Eulenberger, A. Wittmann, et al. 10 pp.

GERMAN, per, Monatshefte fuer Chemie, Vol XCIII,
No 5, 1962, pp 1046-1054.

SLA-63-14450
Dept Commerce
Natl Bur of Standards

Sci - Chem

Apr 63

22,002

Spiteller, G.
THE O-EFFECT IN THE MASS SPECTRA OF
AROMATIC COMPOUNDS. [1962] 7p. (figs. formulae
refs. omitted).
Order from SLA \$1.10

62-18723

Trans. of Monats [efte für] Chem[ie] (Austria) 1961,
v. 92, no. 6, p. 1147-1154.

DESCRIPTORS: *Mass spectroscopy, Benzene, Ethyl
radicals, *Salicylic acids, *Amides, Molecular
isomerism, Mass spectrum.

The mass spectrum of O-ethylsalicylic acid amide VIIb
is completely different from that of its m- and p-
isomers and shows a typical "o-effect" in its mass
spectrum. The compounds with the o-effect in the mass
spectrum found to date belong to a relatively small
group of aromatic compounds with very definite struc-
(Chemistry--Analytical, TT, v. 10, no. 1) (over)

62-18723

I. Spiteller, G.

Office of Technical Services

Investigations on High-Melting Systems. Composition of the Ternary System U-Zr-B, and Measurement of the Coefficients of Thermal Expansion of $\text{Mo}_3(\text{Al},\text{Si})$, MoAlSi , $\text{Mo}(\text{Al},\text{Si})_2$, and TaB_2 , by H. Holleck, F. Benesovsky, 6 pp.
GERMAN, per, Monatshefte Chemie, Vol 93, No 5, 1962, pp 1075-1078.
AEC/UCRL-Tr-10448-70

Sci/Chem
Jun 70

Investigation on Tantalum-Tungsten-Carbon
Systems, by E. Rudy, F. Benesovsky.
CONTROLLED DISSEM

GERMAN, per, M Monatshefte fuer Chemie, Vol XCIII,
No 5, 1962, pp 1176-1195.

*FID-TT-63-538

Sci - Chem

May 63

TT-65-12306

Field 7C

Hopfinger, A.; Krusel, J.
PERIODICAL MONOCHLORINATION OF HIGHER PARAF-
FINIC HYDROCARBONS. 11p, 9refs.
Order from SLA: \$1.60 as TT-65-12306

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DESCRIPTORS: *Collimylin, Pediatrics, Drugs,
Antibiotics, *Enterobacteriaceae, *Influenza virus,
*Encephalitis.

The application of new coll-effective antibiotics is
urgently necessary because of increasing resistance
of known pathogenic coli types. Such an antibiotic is
Collistin, discovered in 1949, which can be used both
orally and parenterally. Treatment results are pre-
sented in 124 cases of infantile enteritis, 87% of which
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